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ABSTRACT

This report is the second in a series of monographs in which the results of Australian student performance in the Third International Mathematics and Science Study (TIMSS) are presented. The main purpose of these reports is to describe the schools, teachers, and students who participated in TIMSS and to present student achievement results. Sections include: (1) Introduction; (2) International results; (3) Results within Australia; (4) Achievement in the mathematics content areas; (5) Achievement in the science content areas; (6) Performance assessment and performance expectations; (7) Curriculum factors; (8) Australian TIMSS schools and teachers; (9) Australian TIMSS students; (10) Teaching practices and teacher beliefs; (11) Differences between Population 1 and Population 2; (12) Policy perspectives; and (13) Appendices. Appendices include: additional statistical tables; item difficulty maps; documents used for analyses of Population 1 printed material and curricula; and Bibliography: IEA (International Association for the Evaluation of Educational Achievement) First and Second Mathematics and Science Studies. (DDR)

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